U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans FILE NUMBER: MVN 2005-2860 EKK

State Pari Cen App Nan		including ain	30-05-40 / 90-28-26 suplands: 35.4 acres.
	ICTIONAL DETERMINATION npleted: Desktop determination Site visit(s)		Date: March 20, 2007 Date(s):
Jur	isdictional Determination (JD):		
			, there appear to be (or) there appear to be no "waters of the nited States" on the project site. A preliminary JD is not appealable
\boxtimes	Approved JD – An approved JD is an a Check all that apply:	appealable	action (Reference 33 CFR part 331).
	There are "navigable waters of the the reviewed area. Approximate size of		ates" (as defined by 33 CFR part 329 and associated guidance) within ional area:
	There are "waters of the United Stareviewed area. Approximate size of ju		lefined by 33 CFR part 328 and associated guidance) within the al area: 34.74 acres.
			te waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
	DF JURISDICTIONAL DETERMINA Waters defined under 33 CFR part 3 The presence of waters that are subject the past, or may be susceptible for use	329 as "na to the ebb	and flow of the tide and/or are presently used, or have been used in
	interstate or foreign commerce, includi (2) The presence of interstate waters in (3) The presence of other waters such a sandflats, wetlands, sloughs, prairie po destruction of which could affect inters (i) which are or could be used by (ii) from which fish or shellfish ar (iii) which are or could be used fo (4) Impoundments of waters otherwise (5) The presence of a tributary to a wat (6) The presence of territorial seas.	currently using all wat acluding in as intrastated tholes, we state comminterstate or could r industria defined a ter identifi	ased, or were used in the past, or may be susceptible to use in ers which are subject to the ebb and flow of the tide. Attended the stress of the lakes, rivers, streams (including intermittent streams), mudflats, at meadows, playa lakes, or natural ponds, the use, degradation or merce including any such waters (check all that apply): For foreign travelers for recreational or other purposes. Be taken and sold in interstate or foreign commerce. Il purposes by industries in interstate commerce.
Rat	ionale for the Basis of Jurisdictional I	Determina	ntion (applies to any boxes checked above).

Wetlands within the Lake Pontchartrain watershed

Basis	2	
Late	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and Ordinary High Water Mark indicated by:	1 329) High Tide Line indicated by:
Ц	clear, natural line impressed on the bank	oil or scum line along shore objects
	the presence of litter and debris	fine shell or debris deposits (foreshore)
	changes in the character of soil	physical markings/characteristics
	destruction of terrestrial vegetation	☐ tidal gages ☑ other: Undetermined
	shelving other:	other. Ordetermined
	Mean High Water Mark indicated by:	tation lines/abances in vegetation types
	☐ survey to available datum; ☐ physical markings; ☐ vege	tation intestendinges in vegetation types.
	Wetland boundaries, as shown on the attached wetland delinea	tion map and/or in a delineation report prepared by:
Bas	sis For Not Asserting Jurisdiction:	
님	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1.2 or 4-7)
H	Headquarters declined to approve jurisdiction on the basis of 3	
\Box	The Corps has made a case-specific determination that the foll	owing waters present on the site are not Waters of the
	United States:	laceana municipat to 22 CED most 229 2
	Waste treatment systems, including treatment ponds or Artificially irrigated areas, which would revert to uplar	
	Artificial lakes and ponds created by excavating and/or	
	retain water and which are used exclusively for such pu	irposes as stock watering, irrigation, settling basins, or
	rice growing. Artificial reflecting or swimming pools or other small of	ornamental hodies of water created
	by excavating and/or diking dry land to retain water for	
		to construction activity and pits excavated in dry land for
	the purpose of obtaining fill, sand, or gravel unless and	efinition of waters of the United States found at 33 CFR
	328.3(a).	criminon of waters of the Officer States found at 33 CTR
	Isolated, intrastate wetland with no nexus to interstate of Prior converted cropland, as determined by the Natural	
	Prior converted cropland, as determined by the Natural	Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on d Other (explain):	ry land. Explain rationale:
	Other (explain):	
Table 1	REVIEWED FOR JURISDICTIONAL DETERMINATION	
	Maps, plans, plots or plat submitted by or on behalf of the appl Data sheets prepared/submitted by or on behalf of the applican	
Ц	This office concurs with the delineation report, dated	, prepared by (company):
	This office does not concur with the delineation report, dat	
	Data sheets prepared by the Corps.	
片	Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas:	
H	U.S. Geological Survey 7.5 Minute Topographic maps:	
	U.S. Geological Survey 7.5 Minute Historic quadrangles:	
님	U.S. Geological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey:	
	National wetlands inventory maps:	
	State/Local wetland inventory maps:	
	FEMA/FIRM maps (Map Name & Date):	
H	100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date):	
H	Other photographs (Date):	
	Advanced Identification Wetland maps:	
H	Site visit/determination conducted on: see Jurisdictional Determination case law:	mination Section at top of previous page
	Other information (please specify):	

^TWetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans FILE NUMBER: MVN-2006-3795-EII PROJECT LOCATION INFORMATION: Louisiana State: Parish: St. Tammany Center coordinates of site (latitude/longitude): 30°16'2" 89°50'45" Approximate size of area (parcel) reviewed, including uplands: .33 acres. Name of nearest waterway: Bayou Liberty Name of watershed: Lake Pontchartrain JURISDICTIONAL DETERMINATION Completed: Desktop determination Date: 3-16-7 Date(s): Site visit(s) Jurisdictional Determination (JD): Preliminary JD - Based on available information, there appear to be (or) there appear to be no "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331). Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply: There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: ☑ There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: .33 acres. There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction. BASIS OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands¹. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. \Box (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of territorial seas. (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands. Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). The activity will occur near Bayou Liberty in St. Tammany Parish.

2

	ordinary High Water Mark indicated by: clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
X	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by: Riparian
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
	REVIEWED FOR JURISDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Actional wetlands inventory maps: State/Local wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date):
	Advanced Identification Wetland maps: Site visit/determination conducted on: see Jurisdictional Determination Section at top of previous page Applicable/supporting case law: Other information (please specify):

^TWetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

JURISDICTIONAL DETERMINATION U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans

FILE N	J MBER: MV	VN-2007-1073-EII		
State Pari Cen App Nan	te: Lo ish: St. iter coordinate proximate size	ION INFORMATION: buisiana t. Tammany es of site (latitude/longitude e of area (parcel) reviewed waterway: Lake Pontcharted led: Lake Pontchartrai	d, including train	30°17'22.3" 89°48'42.1" g uplands: .5 acres.
	mpleted: De	DETERMINATION esktop determination ite visit(s)	X	Date: 2-21-6 Date(s):
Jur	isdictional D	etermination (JD):		
	Preliminary United State	JD - Based on available in	nformation ers of the U	n, \(\sum \) there appear to be (or) \(\sum \) there appear to be no "waters of the United States" on the project site. A preliminary JD is not appealable
	Approved JI Check all the		appealable	e action (Reference 33 CFR part 331).
		re "navigable waters of the darea. Approximate size		tates" (as defined by 33 CFR part 329 and associated guidance) within tional area:
		re "waters of the United St ea. Approximate size of ju		defined by 33 CFR part 328 and associated guidance) within the all area: .1 acres.
	There ar			ate waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
A.	Waters defi The presence	e of waters that are subjec	329 as "na t to the ebb	avigable waters of the United States": b and flow of the tide and/or are presently used, or have been used in ort interstate or foreign commerce.
B.	(1) The presinterstate or (2) The presisandflats, we destruction of (ii) whice (iii) from (iii) whice (b) The president (c) The president (c) The president (c) The president (c) (c) The president (c) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	sence of waters, which are foreign commerce, included sence of interstate waters in tence of other waters such etlands, sloughs, prairie peof which could affect interchare or could be used by m which fish or shellfish at inchare or could be used followers of waters otherwise tence of a tributary to a waternee of territorial seas.	ding all wat including in as intrastat otholes, we restate comm interstate come interstate core or could or industria e defined as ater identification	te lakes, rivers, streams (including intermittent streams), mudflats, et meadows, playa lakes, or natural ponds, the use, degradation or merce including any such waters (check all that apply): or foreign travelers for recreational or other purposes. I be taken and sold in interstate or foreign commerce. All purposes by industries in interstate commerce. It is waters of the US.
Rati	ionale for the	e Basis of Jurisdictional	Determins	ation (applies to any boxes checked above).
		ill occur in St. Tammany		

	Ordinary High Water Mark indicated by: Clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: High Tide Line indicated by: line shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas D D	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 16 Minute Historic quadrangles: U.S. Geological Su

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

JURISDICTIONAL DETERMINATION U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans

FILE N	UMBEK:	M V N-200	7/-10/8-EII		
Stat Par Cer App Nar	te: ish: iter coordi proximate	Louisiana Jefferson nates of sit size of area est waterw		l, including	29°14'24" 89°57'23" g uplands: .4 acres.
			RMINATION determination (s)	<u>×</u>	Date: 3-20-7 Date(s):
Jur	risdictiona	l Determi	nation (JD):		
	Prelimina United S	ary JD - Batates" and/	ased on available in	nformation ers of the U	, there appear to be (or) there appear to be no "waters of the inited States" on the project site. A preliminary JD is not appealable
		d JD – An l that apply		appealable	e action (Reference 33 CFR part 331).
			gable waters of the Approximate size		ates" (as defined by 33 CFR part 329 and associated guidance) within ional area:
			ers of the United St proximate size of ju		defined by 33 CFR part 328 and associated guidance) within the al area:
	■ There	are "isolo			te waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
A.	Waters of	defined un ence of war	ters that are subject	329 as "na t to the ebb	evigable waters of the United States": o and flow of the tide and/or are presently used, or have been used in at interstate or foreign commerce.
	(1) The printerstate (2) The property (3) The property (3) The property (4) The property (4) Imports (5) The property (6) The property (6) The printers (2) The property (3) The property (4) The property (5) The property (6) The	or foreign or foreign oresence of oresence of oresence of which are of from which which are undments of oresence of	waters, which are a commerce, includ interstate waters in other waters such a sloughs, prairie point of the could affect inter a could be used by a fish or shellfish and or could be used for waters otherwise a tributary to a wateritorial seas.	currently u ling all water neluding in as intrastat otholes, we estate comminterstate of re or could or industrial e defined as ter identifie	e lakes, rivers, streams (including intermittent streams), mudflats, t meadows, playa lakes, or natural ponds, the use, degradation or nerce including any such waters (check all that apply): or foreign travelers for recreational or other purposes. be taken and sold in interstate or foreign commerce. I purposes by industries in interstate commerce.
Rat	ionale for	the Basis	of Jurisdictional	Determina	tion (applies to any boxes checked above).
					Gulf of Mexico in Jefferson Parish.

2

	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank □ the presence of litter and debris □ changes in the character of soil □ destruction of terrestrial vegetation □ shelving □ other: □ other: □ High Tide Line indicated by: □ oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types. Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
	REVIEWED FOR JURISDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Historic quadrangles: U.S. Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 16 Minute Historic quadrang

Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

JURISDICTIONAL DETERMINATION U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans FILE NUMBER: MVN 2007-1079 EKK

	State Paris Cent App Nam Nam	e: sh: ter coording roximate: ne of neare ne of wate	Louisiana Plaquemi nates of sir size of are est waterw rshed:	nes te (latitude/longitud a (parcel) reviewed ray: West Delta Gulf of Mexico	le): , including	29-08-39 / 89-26-06 uplands: .5 acres.
UF				RMINATION determination (s)		Date: March 20, 2007 Date(s):
	Juri	sdictiona	l Determi	nation (JD):		
		United S	tates" and	ased on available ir /or "navigable wate L part 331).	nformation rs of the U	, \(\subseteq \text{ there appear to be (or)} \) \(\subseteq \text{ there appear to be no "waters of the nited States"} \) on the project site. A preliminary JD is not appealable
	×	• •	d JD – An I that appl	• •	appealable	action (Reference 33 CFR part 331).
						ates" (as defined by 33 CFR part 329 and associated guidance) within ional area: .5 acres.
				ers of the United St proximate size of ju		defined by 33 CFR part 328 and associated guidance) within the al area: .5 acres.
		☐ There	e are "isol			te waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
3A	A.	Waters of	defined un ence of wa	ters that are subject	329 as "na t to the ebb	evigable waters of the United States": o and flow of the tide and/or are presently used, or have been used in nt interstate or foreign commerce.
		(1) The printerstate (2) The printerstate (3) The printerstate (3) The printerstate (3) The printerstate (4) The p	oresence of cor foreign presence of presence of wetlands on of which which are undments	f waters, which are a commerce, includ f interstate waters in f other waters such, sloughs, prairie por could affect interfer could be used by h fish or shellfish at or could be used for waters otherwise	currently using all wat no luding in as intrastated tholes, we state comminterstate or could be industrial and defined as	te lakes, rivers, streams (including intermittent streams), mudflats, at meadows, playa lakes, or natural ponds, the use, degradation or nerce including any such waters (check all that apply): or foreign travelers for recreational or other purposes. be taken and sold in interstate or foreign commerce.
		(6) The p (7) The p	presence of	f territorial seas. f wetlands adjacent	² to other v	vaters of the US, except for those wetlands adjacent to other wetlands.
	Da4	amala fau	the Bosis	of Inviadiational	Dataumina	ation (applies to any bayes shocked above)

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above).

A Section 10 water.

Basis	2
Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil charges in the character of soil character of s
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
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DATA	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: see Jurisdictional Determination Section at top of previous page Applicable/supporting case law: Other information (please specify):

Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans FILE NUMBER: MVN 2007-1080 EKK PROJECT LOCATION INFORMATION: State: Louisiana Parish: **Plaquemines** 29-21-59 / 89-14-45 Center coordinates of site (latitude/longitude): Approximate size of area (parcel) reviewed, including uplands: .5 acres. Name of nearest waterway: Breton Sound Name of watershed: Breton Sound JURISDICTIONAL DETERMINATION Completed: Desktop determination Date: March 20, 2007 Site visit(s) Date(s): Jurisdictional Determination (JD): Preliminary JD - Based on available information, \(\subseteq \text{there appear to be (or) } \subseteq \text{there appear to be no "waters of the appear t United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331). Approved JD - An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply: There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: .5 acres. Mathematical There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: .5 acres. There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction. BASIS OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": A. Waters defined under 33 CFR part 329 as "navigable waters of the United States":

The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands¹. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) - (4) above. (6) The presence of territorial seas.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above).

(7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

A Section 10 water.

Basis	2
Lat ⊠	ordinary High Water Mark indicated by: clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: Undetermined 328 and 329) High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other: Undetermined
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Ba D	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Autural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: see Jurisdictional Determination Section at top of previous page Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans FILE NUMBER: MVN 2007-1081 EOO PROJECT LOCATION INFORMATION: Louisiana State: Parish: **Plaquemines** Center coordinates of site (latitude/longitude): 29-34-35.10 / 89-46-45.14 Approximate size of area (parcel) reviewed, including uplands: .001 acres. Name of nearest waterway: Pointe a la Hache Name of watershed: Pontchartrain JURISDICTIONAL DETERMINATION Date: March 20, 2007 Completed: Desktop determination \boxtimes Site visit(s) Date(s): Jurisdictional Determination (JD): Preliminary JD - Based on available information, \(\subseteq \text{there appear to be (or) } \subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be (or) } \subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be (or) } \subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information, \(\subseteq \text{there appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on available information appear to be no "waters of the preliminary JD - Based on av United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331). Approved JD - An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply: There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: .001 acres. There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction. BASIS OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": A. Waters defined under 33 CFR part 329 as mavigable waters of the clinical state.

The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.

(2) The presence of interstate waters including interstate wetlands.
(3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply):

(i) which are or could be used by interstate or foreign travelers for recreational or other purposes.

(ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.

(iii) which are or could be used for industrial purposes by industries in interstate commerce.

(4) Impoundments of waters otherwise defined as waters of the US.

(5) The presence of a tributary to a water identified in (1) - (4) above.

(6) The presence of territorial seas.

(7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above).

Wetlands adjacent to Pointe a la Hache.

Basis wetl	ands_0808 2
Late	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329)
	Ordinary High Water Mark indicated by: Migh Tide Line indicated by:
	clear, natural line impressed on the bank oil or scum line along shore objects
	the presence of litter and debris fine shell or debris deposits (foreshore)
	changes in the character of soil physical markings/characteristics
	destruction of terrestrial vegetation tidal gages
	shelving other: Undetermined
	other:
	Unite.
	Mean High Water Mark indicated by:
Ш	☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Survey to available datum, physical markings, vegetation intestendings in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
	We chang boundaries, as shown on the attached we thank domination map are or in a domination report propage 57.
Bas	is For Not Asserting Jurisdiction:
Π̈́	The reviewed area consists entirely of uplands.
H	Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
片	Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
H	The Corps has made a case-specific determination that the following waters present on the site are not Waters of the
ш	United States:
	Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
	Artificially irrigated areas, which would revert to upland if the irrigation ceased.
	Artificial lakes and ponds created by excavating and/or diking dry land to collect and
	retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or
	rice growing.
	Artificial reflecting or swimming pools or other small ornamental bodies of water created
	by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
	Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for
	the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is
	abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR
	328.3(a).
	Isolated, intrastate wetland with no nexus to interstate commerce.
	Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
	Other (explain):
D. 4 (D. 4)	NAMES OF THE PROPERTY OF THE P
	REVIEWED FOR JURISDICTIONAL DETERMINATION (mark all that apply):
\boxtimes	Maps, plans, plots or plat submitted by or on behalf of the applicant.
	Data sheets prepared/submitted by or on behalf of the applicant.
	This office concurs with the delineation report, dated , prepared by (company):
	This office does not concur with the delineation report, dated , prepared by (company):
	Data sheets prepared by the Corps.
	Corps' navigable waters' studies:
	U.S. Geological Survey Hydrologic Atlas:
	U.S. Geological Survey 7.5 Minute Topographic maps:
	U.S. Geological Survey 7.5 Minute Historic quadrangles:
ã	U.S. Geological Survey 15 Minute Historic quadrangles:
	USDA Natural Resources Conservation Service Soil Survey:
	National wetlands inventory maps:
\Box	State/Local wetland inventory maps:
Ħ	FEMA/FIRM maps (Map Name & Date):
Ħ	100-year Floodplain Elevation is: (NGVD)
Ħ	Aerial Photographs (Name & Date):
H	Other photographs (Date):
H	Advanced Identification Wetland maps:
H	Site visit/determination conducted on: see Jurisdictional Determination Section at top of previous page
Ħ	Applicable/supporting case law:
Ħ	Other information (please specify):
	V

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

JURISDICTIONAL DETERMINATION U.S. Army Corps of Engineers

DISTRICT OFFICE: New Orleans **FILE NUMBER:** MVN-2007-1103-EII

: r coordin oximate s of neare	Louisiana St. Charle nates of sit size of area est waterwa	a les ite (latitude/longitud a (parcel) reviewed vay: Shell Pipeline (d, including Canal	30°1'33.6" 90°19'52.13" g uplands: .1 acres.
leted:	Desktop o	determination	Z E	Date: 3-20-7 Date(s):
dictional	Determi	ination (JD):		
Prelimina United Sta	ary JD - Batates" and/	ased on available in or "navigable wate		I, M there appear to be (or) there appear to be no "waters of the United States" on the project site. A preliminary JD is not appealable
		• •	appealable	action (Reference 33 CFR part 331).
				ates" (as defined by 33 CFR part 329 and associated guidance) within tional area:
				defined by 33 CFR part 328 and associated guidance) within the al area:
T here				nte waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
Waters de	lefined un ence of wat	nder 33 CFR part a	329 as "na et to the ebb	and flow of the tide and/or are presently used, or have been used in
1) The printerstate (2) The printerstate (3) The printerstand (ii) where (iii) value (iii)	resence of or foreign resence of resence of wetlands, on of which thich are of rom which which are undments of resence of	f waters, which are n commerce, includ f interstate waters in f other waters such s, sloughs, prairie poch could affect inter or could be used by h fish or shellfish at or could be used fo of waters otherwise f a tributary to a waf territorial seas.	currently u ding all wate including in as intrastate otholes, we restate commenter or could or industrial e defined as ater identifie	used, or were used in the past, or may be susceptible to use in ters which are subject to the ebb and flow of the tide. Interstate wetlands. It is lakes, rivers, streams (including intermittent streams), mudflats, et meadows, playa lakes, or natural ponds, the use, degradation or interce including any such waters (check all that apply): or foreign travelers for recreational or other purposes. It is taken and sold in interstate or foreign commerce. It is purposes by industries in interstate commerce.
	coordin ximate s of neare: of water of water of water carlonal detects. CTIONA detects: Comproved the check all carlonal detects. Comproved the carlonal detects all carlonal detects. Comproved the carlonal detects all carlonal detects all carlonal detects. Comproved the carlonal detects are reviewed detects. Comproved the carlonal detects are past, or carlon	Louisiana: St. Charles coordinates of site visited of nearest waterw of watershed: CTIONAL DETE Deted: Desktop Site visited of	r coordinates of site (latitude/longitude ximate size of area (parcel) reviewed of nearest waterway: Shell Pipeline of watershed: Lake Pontchartrain of watershed: Desktop determination Site visit(s) Sitetional Determination (JD): Preliminary JD - Based on available in waters of the waters defined under 33 CFR part of the presence of waters that are subject the past, or may be susceptible for use waters defined under 33 CFR part of the presence of waters, which are not of the waters such waters and waters of other waters such and state, wetlands, sloughs, prairie post of the waters o	Louisiana St. Charles coordinates of site (latitude/longitude): ximate size of area (parcel) reviewed, including of nearest waterway: Shell Pipeline Canal of watershed: Lake Pontchartrain CTIONAL DETERMINATION eleted: Desktop determination Site visit(s) Bictional Determination (JD): reliminary JD - Based on available information. United States" and/or "navigable waters of the UReference 33 CFR part 331). Approved JD - An approved JD is an appealable check all that apply: There are "navigable waters of the United States" (as deviewed area. Approximate size of jurisdiction. There are "waters of the United States" (as deviewed area. Approximate size of jurisdictions. There are "isolated, non-navigable, intra-state of parts are subject to the ebb ne past, or may be susceptible for use to transport vaters defined under 33 CFR part 329 as "na the presence of waters that are subject to the ebb ne past, or may be susceptible for use to transport vaters defined under 33 CFR part 328.3(a) as 1) The presence of waters, which are currently unterstate or foreign commerce, including all wate 2) The presence of interstate waters including in 3) The presence of other waters such as intrastate and flats, wetlands, sloughs, prairie potholes, we estruction of which could affect interstate comm (i) which are or could be used by interstate of 1 inform which fish or shellfish are or could 1 iii which are or could be used for industria 1 Impoundments of waters otherwise defined as 5) The presence of a tributary to a water identification of the presence of territorial seas.

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Basis1103

Lat	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank □ the presence of litter and debris □ changes in the character of soil □ destruction of terrestrial vegetation □ shelving □ other: □ other: □ destruction of unique and struction of terrestrial vegetation □ other: □ other: □ other: □ destruction of unique and sale and 329) □ high Tide Line indicated by: □ oil or scum line along shore objects □ fine shell or debris deposits (foreshore) □ physical markings/characteristics □ tidal gages □ other:
	Mean High Water Mark indicated by: survey to available datum; physical markings; vegetation lines/changes in vegetation types. Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
	REVIEWED FOR JURISDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: see Jurisdictional Determination Section at top of previous page Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.